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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
08/958,088	10/27/1997	JOHN S. HENDRICKS	5062	2949

7590            01/13/2005

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EXAMINER

KOENIG, ANDREW Y

ART UNIT

PAPER NUMBER

2611

DATE MAILED: 01/13/2005

Please find below and/or attached an Office communication concerning this application or proceeding.

<b>Office Action Summary</b>	<b>Application No.</b>	<b>Applicant(s)</b>	
	08/958,088	HENDRICKS ET AL.	
	<b>Examiner</b>	<b>Art Unit</b>	
	Andrew Y Koenig	2611	

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --  
**Period for Reply**

**A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) FROM THE MAILING DATE OF THIS COMMUNICATION.**

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If the period for reply specified above is less than thirty (30) days, a reply within the statutory minimum of thirty (30) days will be considered timely.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

**Status**

- 1) Responsive to communication(s) filed on 05 August 2004.
- 2a) This action is **FINAL**.                    2b) This action is non-final.
- 3) Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

**Disposition of Claims**

- 4) Claim(s) 28-79 is/are pending in the application.
- 4a) Of the above claim(s) 28-30, 32-46, 50-56 and 60-64 is/are withdrawn from consideration.
- 5) Claim(s) 31, 47-49 and 67-79 is/are allowed.
- 6) Claim(s) 57-59, 65, 66 is/are rejected.
- 7) Claim(s) \_\_\_\_\_ is/are objected to.
- 8) Claim(s) \_\_\_\_\_ are subject to restriction and/or election requirement.

**Application Papers**

- 9) The specification is objected to by the Examiner.
- 10) The drawing(s) filed on \_\_\_\_\_ is/are: a) accepted or b) objected to by the Examiner.  
 Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).  
 Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).
- 11) The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

**Priority under 35 U.S.C. § 119**

- 12) Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
  - a) All    b) Some \* c) None of:
    1. Certified copies of the priority documents have been received.
    2. Certified copies of the priority documents have been received in Application No. \_\_\_\_\_.
    3. Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).

\* See the attached detailed Office action for a list of the certified copies not received.

**Attachment(s)**

- |  |   |
|--|---|
| 1) <input type="checkbox"/> Notice of References Cited (PTO-892)   | 4) <input type="checkbox"/> Interview Summary (PTO-413)<br>Paper No(s)/Mail Date. _____ . |
| 2) <input type="checkbox"/> Notice of Draftsperson's Patent Drawing Review (PTO-948)                                     | 5) <input type="checkbox"/> Notice of Informal Patent Application (PTO-152)               |
| 3) <input type="checkbox"/> Information Disclosure Statement(s) (PTO-1449 or PTO/SB/08)<br>Paper No(s)/Mail Date _____ . | 6) <input type="checkbox"/> Other: _____ .  |

**DETAILED ACTION*****Response to Arguments***

1. Applicant's arguments filed 05 August 2004 have been fully considered but they are not persuasive.

The applicant argues that Wasilewski does not teach a serializer, wherein the serializer combines the selected programs or channels into a signal for transmission (see page 13, para. 6-7). The examiner disagrees; Wasilewski teaches a service multiplexer (fig. 17, label 406), which receives local programs (as shown in figure 17, col. 22, ll. 27-30), which combines the selected programs or channel into a signal for transmission. Further, Wasilewski teaches time division multiplexing the digital data (col. 27, ll. 1-7) onto a common frequency channel, wherein the data inherently is serialized in order to enable the receiving device to access the relevant information for decoding the program.

***Allowable Subject Matter***

2. Claims 31, 47-49, and 67-79 are allowed.

***Claim Rejections - 35 USC § 102***

3. The following is a quotation of the appropriate paragraphs of 35 U.S.C. 102 that form the basis for the rejections under this section made in this Office action:

A person shall be entitled to a patent unless –

(e) the invention was described in (1) an application for patent, published under section 122(b), by another filed in the United States before the invention by the applicant for patent or (2) a patent granted on an application for patent by another filed in the United States before

the invention by the applicant for patent, except that an international application filed under the treaty defined in section 351(a) shall have the effects for purposes of this subsection of an application filed in the United States only if the international application designated the United States and was published under Article 21(2) of such treaty in the English language.

4. Claims 57-59 and 65-66 are rejected under 35 U.S.C. 102(e) as being anticipated by U.S. Patent 5,400,401 to Wasilewski et al. (Wasilewski).

Regarding claim 57, Wasilewski teaches a system for distributing services to a plurality of remote locations, such as the configuration as shown in figure 17. The demultiplexers of figure 17 may be identical to those of the service demultiplexer 298 as shown in figure 16 (col. 22, ll. 7-20). Accordingly, Wasilewski teaches a control processor (claimed CPU), figure 16, label 338, contained within the demultiplexer 298 monitors the service selection, manages and sends instructions to enable the demultiplexer receive individual program outputs (fig 17), see col. 20, ll. 26-32, col. 20-21, ll. 58-6. Further, Wasilewski teaches a demultiplexer (fig. 16, label 298), which equates to a digital logic component selecting the desired digital program according the instructions sent from the processor 338 and outputs the program as shown in figure 17.

Wasilewski teaches a service multiplexer (fig. 17, label 406), which reads on a serializer. As discussed above, the control processor (338) of the demultiplexer clearly manages and monitors the demultiplexer.

Regarding claim 58, Wasilewski teaches a demultiplexer (298) for separated a multiplexed signal into individual programs (col. 20, ll. 33-36, col. 21, ll. 18-37, fig. 17).

Regarding claim 59, Wasilewski teaches inserting local programming (408) into the multiplexer (claimed serializer) (col. 22, ll. 27-30).

Regarding claim 65, Wasilewski teaches a receiver (402) and a modulator that modulates the combined signal for transmission (col. 22, ll. 30-39).

Regarding claim 66, Wasilewski teaches control signals sent from the control processor (fig. 16, 338, col. 20, ll. 26-32, col. 20-21, ll. 58-6).

### ***Conclusion***

5. **THIS ACTION IS MADE FINAL.** Applicant is reminded of the extension of time policy as set forth in 37 CFR 1.136(a).

A shortened statutory period for reply to this final action is set to expire THREE MONTHS from the mailing date of this action. In the event a first reply is filed within TWO MONTHS of the mailing date of this final action and the advisory action is not mailed until after the end of the THREE-MONTH shortened statutory period, then the shortened statutory period will expire on the date the advisory action is mailed, and any extension fee pursuant to 37 CFR 1.136(a) will be calculated from the mailing date of the advisory action. In no event, however, will the statutory period for reply expire later than SIX MONTHS from the mailing date of this final action.

Any inquiry concerning this communication or earlier communications from the examiner should be directed to Andrew Y Koenig whose telephone number is (703) 306-0399. The examiner can normally be reached on M-Th (7:30 - 6:30).

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Christopher Grant can be reached on (703) 305-4755.

The fax phone number for the organization where this application or proceeding is assigned is 703-872-9306.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free).

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CHRIS GRANT  
PRIMARY EXAMINER